

PROTON CONDUCTIVE MEMBRANE REINFORCING MATERIAL, PROTON CONDUCTIVE MEMBRANE, AND FUEL CELL USING IT**Publication number:** JP2004319421**Publication date:** 2004-11-11**Inventor:** ASADA ATSUSHI; INO JUICHI; SATO NORIAKI**Applicant:** NIPPON SHEET GLASS CO LTD**Classification:****- International:** H01M8/02; H01M8/10; H01M8/02; H01M8/10; (IPC1-7): H01M8/02; H01M8/10**- european:****Application number:** JP20030155017 20030530**Priority number(s):** JP20030155017 20030530; JP20030050414 20030227**Report a data error here****Abstract of JP2004319421****PROBLEM TO BE SOLVED:** To provide a high-strength proton conductive membrane reinforcing material excellent in heat resistance and durability at a low cost.**SOLUTION:** This proton conductive membrane reinforcing material is formed of a glass fiber nonwoven fabric consisting of combination of at least two glass fibers differed in average fiber diameter. The glass fiber having the largest average fiber diameter of at least the two glass fibers preferably has an average fiber diameter at least 3 times the average fiber diameter of the glass fiber having the smallest average fiber diameter.**COPYRIGHT:** (C)2005,JPO&NCIPData supplied from the *esp@cenet* database - Worldwide